

(4) submit an annual report to Congress describing the coordinated research, marketing, and commercialization activities of the Department relating to biobased products.

(c) Cooperative agreements for biobased products

(1) Agreements authorized

The Secretary may enter into cooperative agreements with private entities described in subsection (d), under which the facilities and technical expertise of the Agricultural Research Service and the Forest Service may be made available to operate pilot plants and other large-scale preparation facilities for the purpose of bringing technologies necessary for the development and commercialization of new biobased products to the point of practical application.

(2) Description of cooperative activities

Cooperative activities may include—

- (A) research on potential environmental impacts of a biobased product;
- (B) methods to reduce the cost of manufacturing a biobased product; and
- (C) other appropriate research.

(3) Authority of Secretary

To carry out a cooperative agreement with a private entity under paragraph (1), the Secretary may rent to the private entity equipment, the title of which is held by the Federal Government.

(d) Eligible partners

The following entities shall be eligible to enter into a cooperative agreement under subsection (c):

- (1) A party that has entered into a cooperative research and development agreement with the Secretary under section 12 of the Stevenson-Wylder Technology Innovation Act of 1980 (15 U.S.C. 3710a).
- (2) A recipient of funding from the Biotechnology Research and Development Corporation.
- (3) A recipient of funding from the Secretary under a Small Business Innovation Research Program established under section 638 of title 15.

(e) Pilot project

The Secretary, acting through the Agricultural Research Service, may establish and carry out a pilot project under which grants are provided, on a competitive basis, to scientists of the Agricultural Research Service to—

- (1) encourage innovative and collaborative science; and
- (2) during each of fiscal years 1999 through 2012, develop biobased products with promising commercial potential.

(f) Source of funds

(1) In general

Except as provided in paragraph (2), to carry out this section, the Secretary may use—

- (A) funds appropriated to carry out this section; and
- (B) funds otherwise available for cooperative research and development agreements

under the Stevenson-Wylder Technology Innovation Act of 1980 (15 U.S.C. 3701 et seq.).

(2) Exception

The Secretary may not use funds referred to in paragraph (1)(B) to carry out subsection (e).

(g) Sale of developed products

For the purpose of determining the market potential for new biobased products produced at a pilot plant or other large-scale preparation facility under a cooperative agreement under this section, the Secretary shall authorize the private partner or partners to the agreement to sell the products.

(h) Authorization of appropriations

There are authorized to be appropriated such sums as are necessary to carry out this section for each of fiscal years 1999 through 2012.

(Pub. L. 105–185, title IV, § 404, June 23, 1998, 112 Stat. 570; Pub. L. 107–171, title VI, § 6201(d)(4), title VII, § 7124, May 13, 2002, 116 Stat. 419, 434; Pub. L. 110–234, title VII, § 7304, May 22, 2008, 122 Stat. 1242; Pub. L. 110–246, § 4(a), title VII, § 7304, June 18, 2008, 122 Stat. 1664, 2003; Pub. L. 111–88, div. A, title IV, § 431, Oct. 30, 2009, 123 Stat. 2964.)

REFERENCES IN TEXT

The Stevenson-Wylder Technology Innovation Act of 1980, referred to in subsec. (f)(1)(B), is Pub. L. 96–480, Oct. 21, 1980, 94 Stat. 2311, as amended, which is classified generally to chapter 63 (§3701 et seq.) of Title 15, Commerce and Trade. For complete classification of this Act to the Code, see Short Title note set out under section 3701 of Title 15 and Tables.

CODIFICATION

Pub. L. 110–234 and Pub. L. 110–246 made identical amendments to this section. The amendments by Pub. L. 110–234 were repealed by section 4(a) of Pub. L. 110–246.

AMENDMENTS

2009—Subsec. (c)(1). Pub. L. 111–88, § 431(1), substituted “Agricultural Research Service and the Forest Service” for “Agricultural Research Service”.

Subsec. (c)(3). Pub. L. 111–88, § 431(2), added par. (3).

2008—Subsec. (e)(2). Pub. L. 110–246, § 7304(a), substituted “2012” for “2007”.

Subsec. (h). Pub. L. 110–246, § 7304(b), substituted “2012” for “2007”.

2002—Subsec. (d)(2) to (4). Pub. L. 107–171, § 6201(d)(4), redesignated pars. (3) and (4) as (2) and (3), respectively, and struck out former par. (2) which read as follows: “A recipient of funding from the Alternative Agricultural Research and Commercialization Corporation established under section 5902 of this title.”

Subsec. (e)(2). Pub. L. 107–171, § 7124(a), substituted “2007” for “2001”.

Subsec. (h). Pub. L. 107–171, § 7124(b), substituted “2007” for “2002”.

EFFECTIVE DATE OF 2008 AMENDMENT

Amendment of this section and repeal of Pub. L. 110–234 by Pub. L. 110–246 effective May 22, 2008, the date of enactment of Pub. L. 110–234, see section 4 of Pub. L. 110–246, set out as an Effective Date note under section 8701 of this title.

§ 7625. National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Program

(a) In general

The Secretary shall award grants under this section to carry out the competitive grant pro-

gram established under section 399c(d)¹ of title 21, pursuant to any memoranda of understanding entered into under such section.

(b) Integrated approach

The grant program described under subsection (a) shall be carried out under this section in a manner that facilitates the integration of food safety standards and guidance with the variety of agricultural production systems, encompassing conventional, sustainable, organic, and conservation and environmental practices.

(c) Priority

In awarding grants under this section, the Secretary shall give priority to projects that target small and medium-sized farms, beginning farmers, socially disadvantaged farmers, small processors, or small fresh fruit and vegetable merchant wholesalers.

(d) Program coordination

(1) In general

The Secretary shall coordinate implementation of the grant program under this section with the National Integrated Food Safety Initiative.

(2) Interaction

The Secretary shall—

(A) in carrying out the grant program under this section, take into consideration applied research, education, and extension results obtained from the National Integrated Food Safety Initiative; and

(B) in determining the applied research agenda for the National Integrated Food Safety Initiative, take into consideration the needs articulated by participants in projects funded by the program under this section.

(e) Grants

(1) In general

In carrying out this section, the Secretary shall make competitive grants to support training, education, extension, outreach, and technical assistance projects that will help improve public health by increasing the understanding and adoption of established food safety standards, guidance, and protocols.

(2) Encouraged features

The Secretary shall encourage projects carried out using grant funds under this section to include co-management of food safety, conservation systems, and ecological health.

(3) Maximum term and size of grant

(A) In general

A grant under this section shall have a term that is not more than 3 years.

(B) Limitation on grant funding

The Secretary may not provide grant funding to an entity under this section after such entity has received 3 years of grant funding under this section.

(f) Grant eligibility

(1) In general

To be eligible for a grant under this section, an entity shall be—

(A) a State cooperative extension service;

(B) a Federal, State, local, or tribal agency, a nonprofit community-based or non-governmental organization, or an organization representing owners and operators of farms, small food processors, or small fruit and vegetable merchant wholesalers that has a commitment to public health and expertise in administering programs that contribute to food safety;

(C) an institution of higher education (as defined in section 1001(a) of title 20) or a foundation maintained by an institution of higher education;

(D) a collaboration of 2 or more eligible entities described in this subsection; or

(E) such other appropriate entity, as determined by the Secretary.

(2) Multistate partnerships

Grants under this section may be made for projects involving more than 1 State.

(g) Regional balance

In making grants under this section, the Secretary shall, to the maximum extent practicable, ensure—

(1) geographic diversity; and

(2) diversity of types of agricultural production.

(h) Technical assistance

The Secretary may use funds made available under this section to provide technical assistance to grant recipients to further the purposes of this section.

(i) Best practices and model programs

Based on evaluations of, and responses arising from, projects funded under this section, the Secretary may issue a set of recommended best practices and models for food safety training programs for agricultural producers, small food processors, and small fresh fruit and vegetable merchant wholesalers.

(j) Authorization of appropriations

For the purposes of making grants under this section, there are authorized to be appropriated such sums as may be necessary for fiscal years 2011 through 2015.

(Pub. L. 105-185, title IV, §405, as added Pub. L. 111-353, title II, §209(b), Jan. 4, 2011, 124 Stat. 3947.)

REFERENCES IN TEXT

Section 399c(d) of title 21, referred to in subsec. (a), was in the original “section 1011(d) of the Federal Food, Drug, and Cosmetic Act” and was translated as meaning section 1011(d) of the Act as added by Pub. L. 111-353, title II, §209(a), Jan. 4, 2011, 124 Stat. 3945, to reflect the probable intent of Congress. Section 399c of title 21 was renumbered section 1012 of the Federal Food, Drug, and Cosmetic Act by Pub. L. 114-255, div. A, title III, §3073(b)(2), Dec. 13, 2016, 130 Stat. 1137. Another section 1011 of the Federal Food, Drug, and Cosmetic Act as added by Pub. L. 111-148, title III, §3509(g), Mar. 23, 2010, 124 Stat. 536 is classified to section 399b of Title 21, Food and Drugs, but does not contain a subsec. (d).

PRIOR PROVISIONS

A prior section 7625, Pub. L. 105-185, title IV, §405, June 23, 1998, 112 Stat. 572; Pub. L. 107-171, title VII,

¹ See References in Text note below.

§§ 7130, 7207(b), May 13, 2002, 116 Stat. 435, 440, related to the Thomas Jefferson Initiative for Crop Diversification, prior to repeal by Pub. L. 110-234, title VII, § 7305, May 22, 2008, 122 Stat. 1242, and Pub. L. 110-246, § 4(a), title VII, § 7305, June 18, 2008, 122 Stat. 1664, 2003. Repeal of prior section 7625 and repeal of Pub. L. 110-234 by Pub. L. 110-246 effective May 22, 2008.

CONSTRUCTION

Nothing in this section to be construed to apply to certain alcohol-related facilities, to alter jurisdiction and authorities established under certain other Acts, or in a manner inconsistent with international agreements to which the United States is a party, see sections 2206, 2251, and 2252 of Title 21, Food and Drugs.

§ 7626. Integrated research, education, and extension competitive grants program

(a) Purpose

It is the purpose of this section to authorize the Secretary of Agriculture to establish an integrated research, education, and extension competitive grant program to provide funding for integrated, multifunctional agricultural research, extension, and education activities.

(b) Competitive grants authorized

Subject to the availability of appropriations to carry out this section, the Secretary may award grants to colleges and universities (as defined in section 3103 of this title), 1994 Institutions, and Hispanic-serving agricultural colleges and universities on a competitive basis for integrated agricultural research, education, and extension projects in accordance with this section.

(c) Criteria for grants

Grants under this section shall be awarded to address priorities in United States agriculture, determined by the Secretary in consultation with the Advisory Board, that involve integrated research, extension, and education activities.

(d) Term of grant

A grant under this section shall have a term of not more than 5 years.

(e) Authorization of appropriations

There are authorized to be appropriated such sums as are necessary to carry out this section for each of fiscal years 1999 through 2018.

(Pub. L. 105-185, title IV, § 406, June 23, 1998, 112 Stat. 573; Pub. L. 107-171, title VII, §§ 7125, 7206, May 13, 2002, 116 Stat. 434, 439; Pub. L. 110-234, title VII, §§ 7129(c)(4), 7306, May 22, 2008, 122 Stat. 1227, 1242; Pub. L. 110-246, § 4(a), title VII, §§ 7129(c)(4), 7306, June 18, 2008, 122 Stat. 1664, 1988, 2004; Pub. L. 113-79, title VII, §§ 7128(b)(3)(A), 7302, Feb. 7, 2014, 128 Stat. 879, 887.)

CODIFICATION

Pub. L. 110-234 and Pub. L. 110-246 made identical amendments to this section. The amendments by Pub. L. 110-234 were repealed by section 4(a) of Pub. L. 110-246.

AMENDMENTS

2014—Subsec. (d). Pub. L. 113-79, § 7128(b)(3)(A), redesignated subsec. (e) as (d) and struck out former subsec. (d) which related to matching funds requirement.

Subsec. (e). Pub. L. 113-79, § 7302, substituted “2018” for “2012”.

Pub. L. 113-79, § 7128(b)(3)(A)(ii), redesignated subsec. (f) as (e).

Subsec. (f). Pub. L. 113-79, § 7128(b)(3)(A)(ii), redesignated subsec. (f) as (e).

2008—Subsec. (b). Pub. L. 110-246, § 7129(c)(4), substituted “, 1994 Institutions, and Hispanic-serving agricultural colleges and universities” for “and 1994 Institutions”.

Subsec. (f). Pub. L. 110-246, § 7306, substituted “2012” for “2007”.

2002—Subsec. (b). Pub. L. 107-171, § 7206, inserted “and 1994 Institutions” before “on a competitive basis”.

Subsec. (e). Pub. L. 107-171, § 7125(1), (2), added subsec. (e). Former subsec. (e) redesignated (f).

Subsec. (f). Pub. L. 107-171, § 7125(1), (3), redesignated subsec. (e) as (f) and substituted “2007” for “2002”.

EFFECTIVE DATE OF 2008 AMENDMENT

Amendment of this section and repeal of Pub. L. 110-234 by Pub. L. 110-246 effective May 22, 2008, the date of enactment of Pub. L. 110-234, see section 4 of Pub. L. 110-246, set out as an Effective Date note under section 8701 of this title.

§ 7627. Coordinated program of research, extension, and education to improve viability of small and medium size dairy, livestock, and poultry operations

(a) Program authorized

The Secretary of Agriculture may carry out a coordinated program of research, extension, and education to improve the competitiveness, viability, and sustainability of small and medium size dairy, livestock, and poultry operations (referred to in this section as “operations”).

(b) Components

To the extent the Secretary elects to carry out the program, the Secretary shall conduct—

(1) research, development, and on-farm extension and education concerning low-cost production facilities and practices, management systems, and genetics that are appropriate for the operations;

(2) in the case of dairy and livestock operations, research and extension on management-intensive grazing systems for dairy and livestock production to realize the potential for reduced capital and feed costs through greater use of management skills, labor availability optimization, and the natural benefits of grazing pastures;

(3) research and extension on integrated crop and livestock or poultry systems that increase efficiencies (including improved use of energy inputs), reduce costs, and prevent environmental pollution to strengthen the competitive position of the operations;

(4) economic analyses and market feasibility studies to identify new and expanded opportunities for producers on the operations that provide tools and strategies to meet consumer demand in domestic and international markets, such as cooperative marketing and value-added strategies for milk, meat, and poultry production and processing; and

(5) technology assessment that compares the technological resources of large specialized producers with the technological needs of producers on the operations to identify and transfer existing technology across all sizes and scales and to identify the specific research and education needs of the producers.